

| Ref # | Hits | Search Query  | DBs                              | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------------------------------|------------------|---------|------------------|
| S1    | 5402 | (interconnect\$5 with (trench via opening hole damascene dual adj damascene)) with (copper 'cu')                          | US-PGPU B;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/08 09:54 |
| S2    | 5402 | S1 and (interconnect\$5 interconnection interconnecting trench via opening hole damascene dual adj damascene copper 'cu') | US-PGPU B;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/08 09:53 |
| S3    | 385  | S2 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with nitrogen                              | US-PGPU B;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/08 09:55 |
| S4    | 373  | S2 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with water                                 | US-PGPU B;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/08 09:55 |
| S5    | 12   | S2 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with water near5 nitrogen                  | US-PGPU B;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/08 10:12 |
| S6    | 510  | S2 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with (water near5 nitrogen hydrogen 'h2')  | US-PGPU B;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/08 09:55 |
| S7    | 20   | S2 and (interconnect\$5 trench via opening hole damascene dual adj damascene ) with (water with nitrogen)                 | US-PGPU B;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/08 10:13 |